



#9/B
5-14-03
PATENT APPLICATION

Hayes

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Mike BINNARD et al.

Application No.: 09/724,146

Filed: November 28, 2000

For: SYSTEM AND METHOD FOR CALIBRATING MIRRORS OF A STAGE ASSEMBLY

Group Art Unit: 365

Docket No.: 1440

TECHNOLOGY CENTER 2800

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PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office
Washington, D. C. 20231

Sir:

Prior to initial examination on the merits, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 8, 13, 24-29 and 32 as follows:

B1
8. (Amended) The stage assembly of claim 7 wherein the control system utilizes the measured position of the first fiducial mark relative to the first X mirror and the second X mirror, and the measured position of the second fiducial mark relative to the first X mirror and the second X mirror to determine the position of the first X mirror relative to the second X mirror.

B2
13. (Amended) An exposure apparatus comprising:
a first movable stage that moves in a first direction and a second direction different from the first direction, the first movable stage holding a first substrate and having a

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01 FC:1202
02 FC:1201

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